



Benchmark Data

The following requirements apply to all topographic surveys and grading plans which require review by the Village of Downers Grove:

Datum	All topographic maps or exhibits, and record drawings shall be tied to the North American Vertical Datum of 1988 (NAVD 88) of the National Spatial Reference System (NSRS) as maintained by the United States National Geodetic Survey (NGS). The methods used by an Illinois Professional Land Surveyor to establish NAVD 88 elevations shall achieve a national NSRS vertical network accuracy of 0.15 of a U.S. Survey foot (5 centimeters) or better to be in compliance with FEMA requirements, as specified in the FEMA document "Guidelines and Specifications for Flood Hazard Mapping Partners" dated April 2003. The surveyor shall use one of the following two methods to achieve vertical network accuracy.
Benchmark Quantity	Each project shall reference two DuPage County benchmarks on the site plan.
Benchmark Source	Elevation reference mark information may be obtained online from DuPage County via http://gis.dupageco.org/dupagemaps/Viewer.aspx .
Plan Info	The datum, benchmark numbers, benchmark descriptions and benchmark elevations shall be clearly noted on the grading plan and or plan set cover sheet.